



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

THE CENTURY for 1885-86.

The CENTURY now has a regular circulation of **MORE THAN 200,000 COPIES MONTHLY.** Among the features for the coming volume, which begins with the November number, are:

THE WAR PAPERS BY GENERAL GRANT AND OTHERS.

These will be continued (most of them illustrated) until the chief events of the Civil War have been described by leading participants on both sides. General Grant's papers, to appear soon, include descriptions of the battles of Chattanooga and the Wilderness.

SERIAL STORIES BY W. D. HOWELLS, MARY HALLOCK FOOTE, AND GEORGE W. CABLE.

Mr. Howells's serial will be in lighter vein than the "Rise of Silas Lapham." Mrs. Foote's is a story of mining life, and Mr. Cable's a novelette of the Acadians of Louisiana.

SPECIAL FEATURES

Include "A Tricyle Pilgrimage to Rome," illustrated by Pennell; Historical Papers, by Edward Eggleston and others; Papers on Persia, by S. G. W. Benjamin, lately U. S. minister, with numerous illustrations; Astronomical Articles, practical and popular, on "Sidereal Astronomy," Papers on Christian Unity by representatives of various religious denominations; a series of papers on Slave songs and dances, including negro serpent worship, etc., by Mr. Cable; etc., etc.

SHORT STORIES

By Frank R. Stockton, Mrs. Helen Jackson (H. H.), Mrs. Mary Hallock Foote, Joel Chandler Harris, E. H. Boyesen, T. A. Janvier, Julian Hawthorne, Richard M. Johnston, and others; also poems by well-known writers. The Departments, "Open Letters," "Bric-a-Brac," etc., will be fully sustained.

THE ILLUSTRATIONS.

Will be kept up to the standard which has made American wood-engraving famous the world over.

The Century appears on the first day of the month.

PRICES.—A SPECIAL OFFER.

Regular subscription price, \$4.00 a year. To enable new readers to get all the War Papers, we will send the 12 back numbers, November, 1884, to October, 1885, with a year's subscription beginning with November, 1885, for \$6.00 for the whole. A subscription, with the 12 numbers bound in two handsome volumes, \$7.50 for the whole. Back numbers supplied at these prices with subscriptions only.

All dealers and post-masters take subscriptions and supply numbers according to our special offer, or remittance may be made directly to the publishers.

ST. NICHOLAS.

An illustrated monthly periodical for boys and girls, appearing on the 25th of each month. Edited by Mary W. Dodge. Price 25 cents a number, or \$3.00 a year, in advance. Booksellers, newsdealers, post-masters, and the publishers take subscriptions.

LEADING FEATURES FOR 1885-86 ARE:

A Serial Story by Frances Hodgson Burnett.—*A Short Story* by W. D. Howells.—*A Novel and Attraction* Historical Serial, "George Washington," by Horace E. Scudder.—*Short Stories for Girls*, by Louisa M. Alcott.—*New Bits of Talk for Young Folks*, by "H. H."—*Illustrated Papers on the Great English Schools*, Rugby, Eton and others.—*A Sea-coast Serial Story*, by J. T. Trowbridge.—*"Jenny's Boarding House," A Serial*, by James Otis.—*"The Boyhood of Shakespeare,"* by Rose Kingsley.—*Short Stories by Scores of Prominent Writers*.—*Entertaining Sketches* by Alice W. Rollins, Charles G. Leland, Henry Eckford, Lieke Schwatka, Edward Eggleston, and others.—*Poems, Departments, Cartoons for Children*, etc., etc.

St. Nicholas Songs.

Containing original music by 32 composers, including Leopold Damrosch, W. W. Gilchrist, J. L. Molloy, Samuel P. Warren, Richard Hoffman, Joseph Mosenthal, Harrison Millard, Homer N. Bartlett, Albert A. Stanley, J. W. Palmer and many others. "The Words from St. Nicholas Magazine." "Sixty-four Songs," contain 200 pages (the size of sheet music), with 112 songs and 140 illustrations. Prices, in attractive cloth binding, leather back, illuminated linings, \$3.50; in full leather, semi-flexible, in box, \$5.00.

Wm. Lloyd Garrison.

The Story of his Life told by his children. This work, composed by Wendell Phillips Garrison, literary editor of the *Nation*, and his brother, Francis Jackson Garrison, covers the period from 1805 to 1840. It is in form strictly a personal narrative; but the relation of Mr. Garrison to the reformatory agitations of the early part of the century was such as to render his life a thorough history of these movements. Price, 2 vols., 8vo, cloth, \$5.00; half morocco, \$7.50.

Essays on the Art of Pheidias.

By CHARLES WALDSTEIN, M.A., Director of the Pittsfield Museum, and Reader of Classical Archaeology in the University of Cambridge; Ph.D. Heidelberg, M.A. Columbia College, N.Y. Included in Appendix are several essays on kindred subjects—the works of Pythagoras and Praxiteles, etc., etc. Story illustrated with plates and wood cuts. Price, \$7.50.

The Life and Times of Samuel Bowles.

A most important political history of the United States for the period between the Annexation of Texas and the Hayes Administration, including sketches of prominent men, movements and parties. By GEORGE S. MERRIAM. In two volumes. Price, per set in cloth, \$3.00; in half morocco, \$5.00.

For sale by all dealers, or the publishers.

THE CENTURY CO., New York.

HINTS AND NOTIONS.

Painting Japan work. The colors to be painted are tempered generally in oil, which should have at least one-fourth of its weight in gum sandarach or mastic dissolved in it, and it should be well diluted in turpentine, so as to lay the colors thin and evenly. In some instances it is well to put on water colors on grounds of gold, which, when well managed, makes the work appear as if embossed. These water colors are best prepared by isinglass size, mixed with honey or sugar-candy. These colors must receive a number of coats. Lac varnish colored with turmeric and annatto gives a copper hue.

Brass cabinets. Furniture *de luxe* has received an accession in furniture of solid brass. Pillars with fluted capitals, panels with antique designs, jambs of elegant embossed work, and pinnacled entablatures and masques make up leading features. Mosaic stained glass, braced instead of leaded, and covering the smaller recesses, heightens the effect of the contrasting dead and burnished surfaces. In brass work no ornament is lost.

Sculpture and painting. Sculpture generally falls if the artist aims at a too realistic effect, as for instance in the statuette to be seen in Paris, among the rocks of the bed of a stream where Neptune pursues a flying nymph with her maidens at the moment she prays to be turned into a river to elude his grasp, the rest of the figures standing far apart. The scene is only appropriate to the scenic rendering of the painter.

Graceful freedom of decoration. Color designers for decorative purposes should bear in mind the value of a certain amount of felicitous freedom in their combinations, such as suggests the fortuitous blending of forms rather than mechanical repetitions. Very slight variations of direction of lines and of interspaces will frequently suffice to secure this.

A fine production in terra-cotta is a young Italian girl and boy comparing their gains, each listlessly holding a terpsichore. The palm of the boy holds simply the smallest copper coin, whilst that of the girl is loaded with silver. The expressions of disappointment and of glee are admirably rendered. This is true art.

Ormolu. Ormolu, an imitation of red gold, used for ornamentation of copper and brass, is composed of a greater proportion of copper and less zinc than ordinary brass. It receives its rich appearance after dipping in acid by means of a scratch brush made of fine brass wire. A coat of lacquer prevents it from tarnishing.

Cut-glass fruit dish. Hovering over the center of a glass fruit dish, deeply cut in diamond pattern, is a silver woodpecker resting on a branch, also of silver, that springs from the frame of the dish. The sheen of the silver and the delicate green tint of the glass make a fine contrast.

Painting on linen. Whenever the weather is damp, or if the cloth has been prepared the day previously, it is necessary to apply a warm iron just before beginning, in order to expel any moisture. The work should, when finished, be put aside in a close, dry, or warm place until it can be exposed to the sun.

Color in decoration. Decorators are increasingly recognizing the fact that there is a craving for positive colors, no matter how moderate the amount. The introduction of such colors into a pattern, and yet evolving harmony, tests to the full the capacity of the colorist.

Table ware. Jugs and tumblers, the surface of which show scintillated frost-like effects, have edges tinged with yellow amber, suggestive of gold or sunlight. Colored articles are in exquisitely delicate tints—mere flushes of color, yellow, pink, green and amber taking the lead.

Silver jugs. Square silver jugs, in addition to chased and raised work, have gold bronzed panels with pictorial scenes in relief let in at the lower portion of each side. The handle of bold floriated design is set at one corner.

Charming toilet fancy. Gold butterflies fully modeled, their wings radiant with pearls and diamonds, are almost imperceptibly attached to the exterior of jewel cases and silver toilet saucers.

A design for a parlor screen, executed in metallic paint, represents flowers in deep shades heaped up at one side, and a blue lake extending to the left, and edged with palm trees in the distance.

CASELL & COMPANY'S NEW PUBLICATIONS.

ETCHING.

An Outline of its Technical Processes and its History, with some remarks on Collections and Collecting. By S. R. KOEHLER. Illustrated by Thirty Plates by Old and Modern Etchers, and numerous reproductions in the text. "A sumptuous volume." Full gilt edges, extra cloth. Price, \$20.00.

THE THAMES, FROM SOURCE TO SEA.

With Descriptive Text by Prof. Bonney, F. R. S., W. Senior, Richard Jefferies, Aaron Watson, J. Runciman, and J. P. Brodhurst; and illustrated with a series of beautiful engravings from original designs by G. L. Seymour, W. H. J. Book, C. Gregory, F. Murray, A. Barrard, Captain May, R. L. A. W. Henley, Clough Bromley, W. Hatherell, W. B. Wollen, and other artists. Royal 4to, 234 pages, with etching for frontispiece. Cloth, extra gilt, gilt edges, \$10.00.

THE STORY OF A RANCH.

By ALICE WELLINGTON ROLLINS. 1 vol., square 16mo, blue and gold, \$1.00.

ALONG ALASKA'S GREAT RIVER.

A popular account of the travels of the Alaska Exploring Expedition of 1883 along the great Yukon River, from its source to its mouth. By Lieut. FREDERICK SCHWATKA. 1 vol., octavo, fully illustrated, \$3.00.

LIFE AND REMINISCENCES OF GUSTAVE DORE.

By Mme. BLANCHE ROOSEVELT. Compiled from material supplied by his family and friends and from personal recollections. In one elegant octavo volume, with several hundred illustrations, many of which have never before been published. Gilt top, beveled boards. In box, \$7.50.

THE DUTCH SCHOOL OF PAINTING.

By HENRY HAVARD. Translated by G. Powell, and Edited by John C. L. Sparks, Principal of the South Kensington Art School. With over one hundred illustrations and index. Crown 8vo, extra cloth, gilt top. Price, \$2.00.

SHORT STUDIES FROM NATURE.

A series of Familiar Papers on Interesting Natural Phenomena. With full-page illustrations and diagrams, and a colored frontispiece. 352 pages, crown 8vo, \$1.50.

THE WILD FLOWERS OF COLORADO.

From twenty-four original Water-color Sketches, drawn from nature (with appropriate text). By EMMA HOMAN TRAYER. The Plates Chromo-Lithographed in the highest style of the art. Bound in extra silk-finished cloth, full gilt, beveled boards, and various colored inks. New Style. Price, \$7.50.

OBERON AND PUCK.

Verses Grave and Gay. By HELEN GRAY CONE. 1 vol., 16mo, gilt top, \$1.00.

CHARACTER SKETCHES FROM DICKENS.

Third Series. Containing Six New and Original Drawings by FREDERICK BARNARD, reproduced in photogravure by Messrs. Goupil & Co., Paris, on India paper; size, 20x14 1/4. In portfolio. Price, \$7.50. Micawber, Betsy Trotwood, Captain Cuttle, Uriah Heep, Dick Swiveller and the Marchioness, Bob Cratchit, and Tiny Tim.

EDITION DE LUXE OF

THE CATHEDRAL CHURCHES OF ENGLAND AND WALES.

Descriptive, Historical, Pictorial. With Introduction by the Rev. Prof. Bonney, F.R.S., and Contributions by Eminent Authorities. With upward of 150 illustrations. Printed on Imperial 4to paper, with six full-page illustrations, produced on India paper. Extra cloth, gilt top. Price, \$10.00.

Also a New Edition note ready in quarto, extra cloth, beveled boards, full gilt. Price, \$5.00.

THE STORY OF THE HEAVENS.

By ROBERT STAWELL BALL, LL.D., F.R.S., F.R.A.S., Royal Astronomer of Ireland. With sixteen Colored Plates and ninety Wood-engravings. Demy 8vo, 544 pages, cloth extra. Price, \$5.00.

THE WORLD'S LUMBER ROOM.

A gossip about some of its contents. By SELINA GAYE. With fifty-seven illustrations. 1 vol., 12mo, gilt top. Price, \$1.50.

THE MAGAZINE OF ART FOR 1885.

Being the fifth volume of the New Enlarged Series, contains about 500 beautiful illustrations and an etching by R. W. Macbeth, A. R. A., entitled "Here It Is." The American Art Notes for the year, and many special papers devoted to the progress of American art and industries. Bound in extra cloth, beveled boards, full gilt, \$5.00.

The Magazine of Art.

NOW IS THE TIME TO SUBSCRIBE. COMMENCEMENT OF A NEW VOLUME with the December Part now ready, which contains an Exquisite PHOTOGRAVURE after RUYSDAEL, and numerous Engravings.

Price, 35 Cents Monthly; \$3.50 per Year.

THE MAGAZINE OF ART for 1886 will contain a number of Special Articles, prepared by the American Editor, on American Art and Artists, with Illustrations by our best American Engravers. The Department of American Notes will be continued as heretofore. The Monthly Frontispieces will present a succession of pictures which will be examples of the several processes employed, such as Photogravure, Color Printing, Wood Engraving, Chromo-Lithography, Photo-Lithography, etc., etc.

ILLUSTRATED PROSPECTUS SENT FREE ON APPLICATION.

SEND TWENTY CENTIS FOR SAMPLE COPY.

Complete DESCRIPTIVE CATALOGUE of Illustrated and Fine Art Books, *Now Ready.* { Juvenile and } *Send For It.* { Educational } Works, which will be SENT FREE TO ANY ADDRESS on application.

CASELL & COMPANY, Limited,
739 & 741 Broadway, N. Y.

In addition to WIDE AWAKE, D. Lothrop & Co. publish three charming magazines for the children, all finely illustrated:

THE PANSY,

For both week-day and Sunday reading. *The Pansy*, edited by "Pansy" herself, holds the first place in the hearts of the children, and in the approval of earnest-minded parents. Among the more interesting features for 1886 will be Pansy's serial story,

REACHING OUT,

being a further account of "Little Fishers" and their Nets." The Golden Text Stories, under the title, "Six o'clock in the Evening," will be told by a dear old Grandma, who knows many interesting things about what happened to herself when she was a little girl. Margaret Sidney will furnish a charming story,

ST. GEORGE AND THE DRAGON,

to run through the year. Rev. C. M. Livingston will tell stories of discoveries, inventions, books, people, places. Fay Huntington will be a regular contributor during the year. Pansy will take the readers with her wherever she goes, in papers under the title of

WHERE I WENT AND WHAT I SAW.

There will be, in each number, a selection from our best standard poets, suitable for recitation in school or circle. From time to time, colloquies for Mission Bands, or for general school exercises, will appear. There will be new and interesting books for the members of the Pansy Society, and, as before, a generous space will be devoted to answers to correspondents in the P. S. corner.

Fully illustrated. Only \$1.00 a year.

OUR LITTLE MEN AND WOMEN.

This magazine, for youngest readers, has earned golden gratitude from teachers and parents this past year. While its short stories and beautiful pictures have made it welcome everywhere as a general Magazine for Little Folks, its series of instructive articles have rendered it of unrivaled value to education. For 1886 several specialties have been prepared, in accordance with the suggestions of teachers, who wish to start their "little primaries" in the lines on which older brothers and sisters are being taught. As a beginning, American History, there will be twelve charming chapters about

THE ADVENTURES OF COLUMBUS.

This story of the Great Discoverer, while historically correct and valuable, will be perfectly adapted to young minds and fitted to take hold upon a child's attention and memory; many pictures.

LITTLE TALKS ABOUT INSECT LIFE

Will interest the children in one branch of Natural History; with anecdotes and pictures.

OUR COLORADO PETS

will describe wild creatures little known to children in general. These twelve stories are all true, and are full of life and adventure; each will be illustrated.

"ME AND MY DOLLS,"

is a "cunning little serial story" written for American children by the popular English author, Miss L. T. Mead. It will be twelve full-page pictures by Margaret Johnson.

From time to time, "Fresh Stories about Favorite Authors" will be given, so that teachers and friends may have material for little literature lessons, suited to young children.

Seventy-five Full-page Pictures. Only \$1.00 a year.

BABYLAND,

The Magazine for the Babies, this coming year. In addition to its bright pictures and gay little jingles and sweet stories, will have some special delights for both Mamma and Baby.

THE MAGIC PEAR

will provide Twelve Entertainments of dainty jiggery and funny sleight-of-hand for the nursery pencils. This novelty is by the artist-humorist, M. J. Sweeney ("Boz").

ALL AROUND THE CLOCK

will give Baby Twelve Tiny Lessons in Counting, each with verses for little lips to say and pictures for bright eyes to see, to help the little minds remember.

LITTLE CRIB-CURTAINS

will give Mamma Twelve Sleepy-time Stories to tell when the Babies go to cribs and cradles. In short, BABYLAND, the whole year, will be the happiest, sweetest sort of a home kindergarten.

Beautiful and Novel New Cover. Only 50c. a year.

Address all Orders to

D. LOTHROP & CO., Publishers,

Franklin & Hawley Sts., Boston, Mass.

HINTS AND NOTIONS.

Colors. There is a convenience in the old method of designating the contrasts and accordances of colors as lying between the positive and negative poles of light and shade, an evolution of blue toward black or darkness, and of yellow followed by red and their allies toward the positive pole of light or white, an infinity of hues, shades and tints succeeding each other in a chromatic order, and with definite dependencies, that may be compared in their agreeable effects to the successive notes and cadences of music.

The ancient porcelain Satsumata-ware of inlaid gold and colors, representing a lost art, cloisonné work being now on copper, is extremely rare, a small cup and saucer bringing from \$12 to \$25. The art of embedding the gold in the porcelain without loss of luster in the firing and injury to the clay has since been diligently sought, but without any approach to success. The modern Satsuma ware shows birds, flowers, etc. in bold relief, the gold not being inlaid, but applied.

A good varnish. Put 4 oz. of the best gum gamboge into 32 oz. of spirits of turpentine; 4 oz. of dragon's blood into the same quantity of spirits of turpentine as the gamboge, and 1 oz. of anatto into 8 oz. of the same spirits. The three mixtures should be made in different vessels. They should then be kept for about a fortnight in a warm place, as much exposed to the sun as possible. The varnish may be tinted to any color, and may be employed to good effect on furniture.

India ink. Various accounts have been given of the mode of preparing India ink, which comes from China in oblong cakes of a musky scent. The principal substance appears to be smoke-black, having all the properties of our lamp-black, and the variety of its hues and texture seems wholly to depend upon the degree of burning and levigating it receives. The pigment sepi is supposed to enter into the composition of the better kinds.

There is more confusion in the use of the term brown than of any other color, it being accepted, for instance, to designate broken colors in which red predominates. The term should be confined to the class of semi-neutral colors compounded of, or of the hues of, either the primary yellow, the secondary orange or the tertiary citrine, with a black pigment, the contrasting or harmonizing color of which will be more or less purple or gray.

Substitute for coach lace. Embossed leather is being introduced as a substitute for coach lace in the most varied designs, and would appear to harmonize better with trimming in leather. Greek arabesque patterns and running leaf scrolls are displayed in different colors in broad lace patterns, and seaming lace is produced with scalloped edges.

Blue is one of the best backgrounds to sculpture, for sculptural work having its own relief, and being powerfully reflective of light, is best contrasted and advanced by that color, which has the nearest affinity to shade. The Greeks relieved the sculpture of their temples by blue backgrounds, which harmonized with the sculpture and the open sky above.

Chinese ladies' workboxes are now imported as curiosities for their contents. Some of the implements, all of ivory, are puzzling as to their purpose and mode of use. We find, however, among them a double eyelet ivory needle, doubtless used thousands of years since, and which in metallic form, makes the sewing machine a possibility.

In early times colors had a symbolic expression, and political and religious consideration caused several of these to be exclusively devoted to certain purposes. This mysticism lasted to the Renaissance. At this epoch symbolic expression is extinct, painting becomes an art, and is no longer a science trammelled by arbitrary regulations.

A handsome porcelain candlestick, the surface of which is variegated by small color designs, consists of cylinder on a concave base, the novel feature being the encircling of the upper portion by a series of overlapping small pink shells, and the reaching up from the base of green stems ending in pink pointed buds.

Paintings and gilding, defaced by adhering dust which has formed a crust, may often be restored to their original beauty by coating them with wet fuller's earth or clay. Often the washing with oxgall with a sponge or soft leather is sufficient.

A mounting for a hall standard is a stork holding an antiquated lantern in its mouth.

Look at our list of premiums on inside of back cover.

PARTIAL PROSPECTUS OF

WIDE AWAKE, for 1886.

Full Prospectus sent on application.

A mother, whose five children have read WIDE AWAKE from its first number to its latest, writes: "I like the Magazine because it is full of impulses. Another thing—when I lay it down, I feel as if I had been walking on breezy hill-tops."

SIX ILLUSTRATED SERIALS:

I. A MIDSHIPMAN AT LARGE.

Every boy who has sailed in fancy the late explorers, the *Porpoise* and the *Genesta*, and all lovers of sea stories, will enjoy these two stories of Newport and Ocean Yachting, by CHARLES REMINGTON TALBOT.

III. A GIRL AND A JEWEL.

Mrs. HARRIET PRESCOTT SPROFFORD, in this delightful White Mountain Romance, contributes her first serial to a young folks' magazine.

IV. DILLY AND THE CAPTAIN.

V. PEGGY, AND HER FAMILY.

MARGARET SIDNEY writes these two amusing Adventure Serials for Little Folks. Thirty-six illustrations each.

VI. A Six Months' Story (title to be announced), by CHARLES EGBERT CRADDOCK, author of *Down the Ravine*.

ROYAL GIRLS AND ROYAL COURTS.

By Mrs. JOHN SHERWOOD. This series, especially brilliant and instructive, will begin in the Christmas number and run through the year.

A CYCLE OF CHILDREN.

By ELLENOR S. BROOKS. Illustrations by Howard Pyle. Twelve historical stories celebrating twelve popular holidays. The first six are:

Master Sandy's Christmas Snagdragon. December, 1885.
Mistress Margery's New Year's Pin-Money. January, 1886.
Mr. Peppy's Valentine. February, 1886

The Last of the Geraldines. March, 1886.
Diccon and the Wise Fools of Gotham. April, 1886.

The Lady Octavia's Garland. May, 1886.

STORIES OF AMERICAN WARS.

Thrilling incidents in our various American warfare, the first series, in three tones.

The Light of Key Biscayne.

Joel Jackson's Smack.

A Revolutionary Turncoat.

How Daniel Abbott Outwitted the Indians.

In the Turtle Crawl.

The Boy-Soldiers of Cherry Valley.

IN PERIL.

A romantic dozen of adventures, but all strictly true. The first six are:

Saved by a Kite. Tax a Tax.

In a Mica Mine. The Life Trail.

The Varmint that Runs on the "Heigh-Ho!"

A Strange Prison.

YOUTH IN TWELVE CENTURIES.

A beautiful art feature. Twenty-four superb studies of race-types and national costumes, by F. CHILDS HASSAM, with text by M. E. B.

FIRE-PLACE STORIES.

This article will be a notable feature of the Christmas number. The rich illustrations include glimpses of Holland, Assyria, Persia, Moorish Spain and New England, with two paintings in clay modeled expressly for WIDE AWAKE, and reproduced by special processes, in three tones.

SOME SPECIAL ARTICLES:

LENKANY, TERRIBLY FURK. By the Hon. S. S. Cox, U. S. Minister to Turkey.

THE PRINCESS POCAHONTAS IN ENGLAND.

By Mrs. RAYMOND BLATHWAYTE. Illustrations include portrait from painting never before engraved.

AUTOGRAPHS AND AUTOGRAPH HUNTERS.

By NORA PERKY. Racy and amusing.

A GRAND PEACE-MEET. By WILL P. HOOPER.

An imposing Indian Ceremony; with many pictures by the artist.

A SIXTEENTH-CENTURY SCHOOLBOY.

By APPLETON MORGAN. The life of a lad in Shakespeare's time.

MY FIRST BUFFALO HUNT. By Gen. JOHN C. ARMSTRONG.

THROUGH THE HEART OF PARIS. By FRANK T. MERRILL. A pen and pencil record of a trip down the Seine.

THE DUMB-BETTY LAMP. By HENRY BACON.

Hitherto untold incidents in connection with "Floyd Ireson's Life."

TWELVE BALLADS.

These are contributed by twelve of the foremost modern poets of America. Each ballad will fill five to seven pictorial pages. The first six are:

The Deacon's Little Maid. A ballad of early New England. By Mrs. A. D. T. WHITNEY. Illustrated by Miss B. B. Humphrey.

The Story of the Chevalier. A ballad of the wars of Maria Theresa. By Mrs. HARRIET PRESCOTT SPROFFORD. Illustrations by E. H. GARRETT.

The Minute Man. A ballad of the "shot heard round the world." By MARGARET SIDNEY. Illustrations by Hy. Sandham.

The Hemlock Tree. A ballad of a Maine settlement. By LUCY LARCOM. Illustrations by Edmund H. Garrett.

The Children's Cherry Feast. A ballad of the Hussite War. By NORA PERKY. Illustrations by George Foster Barnes.

Little Alix. A ballad of the Children's Crusade. By SUSAN COOLIDGE. Illustrations by F. H. LUNGER.

THE C. Y. F. R. U. READINGS

meet the growing demand for the *helpful* in literature, history, science, art and practical doing.

A good commission is paid for securing new subscribers, either in cash or premiums.

Send for Premium List. WIDE AWAKE is only \$3.00 a year.

D. LOTHROP & CO., Publishers,

FRANKLIN AND HAWLEY STREETS,

BOSTON, MASS., U. S. A.

THE CHOICEST HOLIDAY BOOKS.

TWO NEW BOOKS OF TRAVEL BY CELEBRATED WRITERS.

The Golden West, by MARGARET SIDNEY. \$1.75.
The New Family Flight Book, by EDWARD EVERETT HALE and Miss SUSAN HALE. \$3.50.

TWO EXQUISITE NEW GIFT BOOKS.

Heroines of the Poets (\$3.00) and **Wonderful Christmases of Old.** \$2.00.

TWO NEW BOOKS OF READINGS FOR EACH DAY.

Helps by the Way, with special commendation and an extended introduction by PHILLIPS BROOKS. \$1.00.

Lift Up Your Hearts, by ROSE PORTER. 25c.

The demand for each exceeds that of any similar book which has been issued for years.

TWO BEAUTIFUL NEW QUARTOS.

Little Folks' Art Book.—Two hundred original drawings, humorous and grotesque, with illustrative text. It is inchamously delightful. \$1.00.

Art for Young People.—A book of great value, giving practical directions and stimulating examples. Its original illustrations cost many thousand dollars. \$2.00.

TWO NEW STORY BOOKS OF SCIENCE.

Wonder Stories of Science, 12mo, cloth, \$1.50.

Up Hill and Down Dale, quarto, \$1.25.

We also have "Under Foot" and "Eyes Right" in beautiful new covers uniform with "Up Hill and Down Dale."

FIVE ANNUALS.

The most popular Juveniles ever published.

1. **Babyland,** For 1885. \$0.75.

2. **Our Little Men and Women,** " 1.50.

3. **The Pansy,** " 1.25.

4. **Chautauqua Young Folks'** " 1.00.

5. **Wide Awake for 1885.**

Two volumes issued each year.

Volume "S" contains MISS ELIZABETH STUART PHELPS' serial, "A Brave Girl," and hundreds of original pictures and stories by the best living writers. \$1.50.

Volume "T" contains CHARLES EGBERT CRADDOCK's serial story, "Down the Ravine," and the most brilliant galaxy of stories, poems and pictures ever included in a single volume. \$1.75.

THREE BEAUTIFUL AND DAINTY HOLIDAY BOOKS.

Faith Songs, Hope Songs, and Songs of Love, by ROSE PORTER. 50c. each.

The Merry Months All, and The Procession of the Zodiac, are charming holiday books, printed with tinted ink. \$1.00 each.

AMONG THE CHARMING QUARTOS FOR YOUNG PEOPLE ARE:

What the Seven Did (\$1.75), and **Who Told it to Me** (\$1.25), &c., by MARGARET SIDNEY.

The Cats' Arabian Nights, by Mrs. A. M. DIAZ. \$1.25.

IN DAINTY, DELIGHTFUL BOOKS FOR THE VERY LITTLE FOLKS

Nothing can surpass the

Box of Golden Books,

The Pussy Willow Library,

The Little Hero Library,

Baby Barefoot, or the Ballad of the Lost Hare.

AMONG THE CHOICE BOOKS FOR BOYS:

Boy Life in the U. S. Navy, The Man of the House, Plucky Boys (\$1.50 each), and the volumes of the **Rocky Fork Library, and Our Club Library** (\$1.25 each), stand pre-eminent.

AMONG CHOICE BOOKS FOR GIRLS:

Margie's Mission, The Yensie Walton Books, Christie's Christmas (\$1.50 each), and the volumes of the **Sweet Home Series, and Julia A. Eastman's** books (\$1.25 per volume), are always in demand.

BOOKS DESIRABLE FOR BOYS AND GIRLS,

And which are always instructive as well as fascinating.

How They Went to Europe. \$1.00.

Dean Stanley with the Children. \$1.00.

Miss Yonge's Histories, in beautiful, new binding. \$1.50 each.

Miss Yonge's Historical Stories. \$1.25 each.

Winter Evening Tales, a new library of 4 volumes. \$1.00 each.

The Reading Union Library in Ten Volumes.

The last two volumes of which are E. E. HALE's "Boy's Heroes," and ROSE KINGSLEY's "Children of Westminster Abbey." \$1.00 each.

We have new volumes of

Lothrop's Popular Biographies (18 volumes), Longfellow, Walter, Holmes, &c. Life of Gen. Grant is the latest. \$1.50 each.

Lothrop's Historical Library, 8 volumes, \$1.50 each.

New volumes of the

Celebrated V. I. Series.

The To-day Series.

The Pansy Books, and

The Spare Minute Series.

AMONG THE STANDARD BOOKS ARE:

American Explorations in Ice Zones,

Jewett's Thucydides,

Lang's Odyssey,

Poets' Homes,

How We Are Covered (by A. L. DAWES), and

Climan's History of the American People.

Any book sent post-paid on receipt of the price. Catalogue free.

D. LOTHROP & CO., Publishers,

BOSTON, MASS.

FRANKLIN AND HAWLEY STREETS.

LITERARY LIFE.
MONTHLY ILLUSTRATED MAGAZINE.

Devoted exclusively to literary men and women and their works. Now in its fifth volume. Those seeking the best outside of the ordinary to be intelligent regarding the doings of the literary world, will subscribe for *Literary Life*. It contains from 15 to 25 fine illustrations each month, of scenes in literature and portraits of authors. The only literary magazine published, devoted to literary people and their works solely, thus keeping its readers informed so as to converse intelligently on all important events occurring in the literary life of our country and Europe.

The Magazine contains 32 pages, printed on heavy, superfine paper and handsomely bound in engraved cover.

Yearly Subscription, only \$1.00.
Sample Copies, 10 cents.

None free. Yearly subscriptions or sample copies may be received of any responsible newsdealer, or address,

ELDER PUBLISHING CO.,
Chicago and New York.

Literary Life is endorsed by Charles Dudley Warner, E. P. Roe and every well-known critic, as being a magazine that should be read in every cultivated home. It appeals to the best class only.

OPINIONS OF AUTHORS.

MARION, ILL., January 17th, 1885.
Dear Sir:—Inclosed find check, for which please send the *Literary Life* to Amanda T. Sprague, for one year, beginning with January number. Address as above. I do not desire to retain any commission for subscribers I may secure for you, for it is a pleasure and a duty to distribute good literature. Yours very truly,
J. N. MATTHEWS.

COPEL HILL, March 21, 1885.
Gentlemen:—I send my subscription to your magazine, the purpose of which should surely commend itself to every reader. With best wishes, faithfully yours,
P. O. Box 275, Augusta, Ga. PAUL H. HAYNE.

BOSTON, Mass., March 13th, 1885.
EDITOR *LITERARY LIFE*:—Inclosed find the renewal of my subscription to your most entertaining and instructive journal. I would not be without it for five times the money. It supplies a want long felt by all readers,—long may it prosper. I do not know just when my subscription ran out, but on receiving the March number to-day, I thought I would at once renew. Yours very truly,
C. A. LAWRENCE.

BALTIMORE, MD., February 9, 1885.
THE ELDER PUBLISHING CO.
Gentlemen:—Inclosed please find amount for one year's subscription for *Literary Life*, beginning with January, 1885. The January and February numbers, already received, pleased me very much. Our people cannot have too much good literature, and I look forward hopefully to the time when the host of unhealthy, sensational story papers shall be entirely rooted from the field by just such wholesome publications as you are sending before the public. Very respectfully,
M. E. RICHMOND.

NEW ORLEANS, April 11th, 1885.
ELDER PUBLISHING CO.
Dear Sir:—Please accept my sincere thanks for the April number of *Literary Life*. I have read its contents with pleasure and profit, and appreciate your kindness in sending me a copy. How you can afford to publish such a magazine for so low a price is a matter of surprise to me and to those friends who have shared with me these hundred and more handsomely illustrated and beautifully printed papers. I wish for *Literary Life* the greatest possible success, and I see no reason why it should not soon attain a circulation and popularity equal to any of the leading magazines before the public. I am, gentlemen, very truly yours,
MARY ASHLEY TOWNSEND.

CHAWFORDVILLE, IND., April 7, 1885.
EDITOR *LITERARY LIFE*:—Please accept my sincere thanks for the copies of *Literary Life* sent me. I cordially hope the magazine is as successful as it deserves to be. Surely, it is a beautiful sight for the work, and it is a beautiful worker. At the exceedingly small subscription price, it surely ought to find a host of readers. Very sincerely yours,
MAURICE THOMPSON.

No. 45 E. 30th St., New York, April 5, 1885.
Dear Sir:—Your letter of the 26th inst. has reached me, and I have also read and examined with pleasure your elegant number of *Literary Life*. Permit me to send you the very moderate amount of a year's subscription, and to wish your magazine the popular success it deserves. Very truly yours,
CORNWALL-ON-THE-HUDSON.

ELDER PUBLISHING CO.
Dear Sir:—Some time ago you informed me that my magazine had been discontinued. I was attracted by its appearance, but because I was busy, I laid it aside for a period of greater leisure. A few days ago I took it up again, but I had not looked it over many moments, I assure you, before I wrote my check for a year's subscription. I have since read the greater part of three numbers, and am not only pleased but surprised. The magazines are interesting from beginning to end, while in type and paper they are absolutely sumptuous. There is nothing cheap about the publication except the price. This is very reasonable, that a periodical should become a visitor to every cultivated home, especially where there are young people, for its tendency would be to awaken curiosity and a desire to read discriminatingly. It would tend to furnish topics for interesting conversation, which would naturally take the place of the inane chatter too often heard. Very truly yours,
[Translation] E. P. ROE.

MEDAN, February 3, 1885.
Sir:—I thank you for having the goodness to send me your magazine, and for the interest which I have perused, is in every way excellent. We cannot have too many of such literary publications, which are the honor of a nation—above all, when they fight for truth and when they rise in advance of their age, and at the head of the rising empire of ideas. Very cordially yours,
EMILE ZOLA.

From "Bill Nye's Winter Resort,"
HUDSON, Wis.
I have received several copies of your magazine, and consider it a great addition to the epitomized literature of the day. In the winter months, indeed a luxury to get hold of a publication which saves us the trouble of travelling over a wide waste of territory, by kindly assorting and arranging for us the chief points of interest. Very truly yours,
BILL NYE.

PRESS NOTICES.

Well edited.—*Cleveland Voice*.
Creditably edited.—*Chicago Unity*.
One of the best.—*Arkansas Traveler*.
Highly interesting.—*Carl Prezel's Weekly*.
A handsome publication.—*Harford Times*.
Sure of a welcome.—*Fort Wayne Booster*.
A very pretty monthly.—*Adelphi Blade*.
Deserves success.—*Alton (Ill.) College Review*.
An excellent publication.—*St. Louis Magazine*.
Tastefully gotten up.—*Rockland (Maine) Courier*.
Its title is a happy one.—*Christian Union, N. Y.*
Just the thing for busy people.—*Sabbath Recorder*.
A handsome monthly.—*New York Daily News*.
Bright, clean and readable.—*New York Journalist*.

HINTS AND NOTIONS.

Picturesque Japanese embroideries of birds, flowers, etc., on silk, and similar on each side, are cut out and attached to upholstery textiles. Sparingly and discriminatingly used, fine effects are realized. This applique work is a delightful pastime to ladies, affording an opportunity for the display of their taste without detailed labor.

Removing varnish. Of the alkalies carbonate of ammonia is the only one which can be safely used in removing discolored oil and varnish from a painting. It must be much diluted with water, and good judgment must be used in stopping its action at the proper time by the use of pure water and a sponge.

Mosaics. It may be confidently affirmed that no mode of structural embellishment of interiors has yet been found equal to that of mosaic. Nothing can be more gorgeous than the effect of the glass mosaics in all colors and tones of color on a gold ground, in many of the old churches of Sicily and Italy.

Baskets woven in colored cord openwork are kept in shape by insertion of a strip of tin corresponding to the form of their sides. Thus the limpness which rendered them inconvenient for use is done away with, and the design shows against the bright metal as relief work.

Painting on linen. Stretch the cloth on a flat frame. Varnish it with beeswax dissolved in turpentine, or apply suitable size, on either of which any of the transparent pigments ground in turpentine or oil colors may be applied with diluted varnish in execution of the design.

Painting on terra-cotta. The terra-cotta having been sized to counteract porosity, may be painted either in oil or water colors. With water colors a Chinese white is largely used either as a first coat, or judiciously mixed with the paint as body. The whole is finished by varnish.

Silver and gold tracery work. Figures in raised velvet on upholstery coverings are now traced with gold and silver threads, applied by hand in embroidery style, which increases the contrast with the lighter tinted ground and defines more closely the pattern.

A dressing table has a double top, the upper divided in the middle and opening out to right and left on hinges, as supports for flower vases, or to increase available space. The same object is accomplished by a slide that can be drawn out above the top drawer.

A singular bronze China ornament represents the "medicine elephant" with a pagoda in several tiers on his back, and strings of healing charms hung in wreaths from the trappings.

The straight line and the curve. The straight line invariably sets off a curve. Hence the value of pilasters where a mural surface is decorated with curved figures.

Grays favor the effects and force of warm colors, which in their turn also give value to grays, and by reconciling opposites, give repose to the eye.

A Silversmith's Design. A silver bird alights on a gold leaf, shadowed by branches and leaves, which entwine around a glass candlestick.

Impurities of water often interfere with the proper hues of water colors in painting. Artists should distill the water used in mixing.

Fretted jardinières are lined at back with suitably colored cashmere which throws up the work, besides hiding glasses or pots.

A curved foot-stool has sides of embossed brass connected together, front and back by cylindrical bars of same metal.

Look at our list of premiums on inside of back cover.

ELITE
DIRECTORY AND CLUB LISTS
OF CHICAGO.

Containing lists of membership of all the principal clubs and 10,000 names of property holders and prominent citizens. Invaluable to dealers in art goods for mailing circulars.

Price in Cloth \$2.00
Price in Morocco and Gold, \$2.50

ELITE PUBLISHING CO.,
67 Washington Street, CHICAGO.

QUERIES

A MONTHLY REVIEW

OF LITERARY, ART, SCIENTIFIC AND GENERAL EDUCATIONAL QUESTIONS OF THE DAY.

TERMS:—\$1.00 A YEAR: SEVEN COPIES FOR \$6.00; SINGLE COPIES, 10 CENTS.

SPECIMENS FREE.

CONDUCTED BY C. W. MOULTON.

DURING the short period of ten months *QUERIES* has attained an unparalleled success, and the number of its readers at present is surpassed by few literary publications in America. It has met with cordial acceptance wherever introduced, and its interest and excellence have been generally acknowledged. Everyone finds it entertaining and instructive.

In preparation a series of papers on the History of Art, by eminent critics. The subjects to be treated by different authors will include Ancient, Grecian, Roman, Italian, Spanish, Dutch, German, French, English and American Art. Each number presents wholesome Editorials, and *Mutuum in Parvo*; a department of Questions and Answers, Prize Questions, and Questions of Judgment; Reviews, Notes and News; Open Congress; The Query Box; Recent Publications; The Editor's Table.

C. L. SHERRILL & CO.,

Publishers,

274 and 276 Main Street, BUFFALO, N. Y.

JUST PUBLISHED,

PART I.

Architectural Studies.
LOW COST HOUSES,

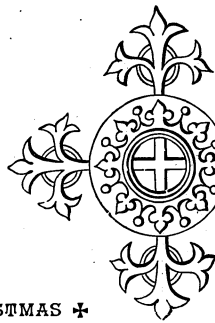
Including Prize Designs, with Elevations, Plans, Details, Specifications, Bills of Materials and Estimates of Cost, twelve large 11x14 Plates of Practical House Designs costing from \$500 to \$3,000. Paper mailed to any address on receipt of \$1.00.

WILLIAM T. COMSTOCK,

PUBLISHER,

No. 6 Astor Place, New York.

This part will be followed by "Stores and Store Details," Barn Plans and others.



+ CHRISTMAS +

+ BOOKS +

Mr. Whittaker takes special care in supplying Christmas Cards, Booklets, and Novelties, by mail. His stock, composed exclusively of new designs, is replete with the most chaste and beautiful cards of the year.

Prices range from 12c. per dozen to \$4.50 for one card. Special attention is directed to the ONE DOLLAR SAMPLE LOT, comprising twelve very beautiful cards. Mailed, post-free on receipt of \$1.00. SEND EARLY FOR THIS. The safe delivery of all mailed packages is guaranteed.

Neat artistic Christmas and New Year Cards, for Schools, supplied at \$1.00, \$2.00, \$3.00, \$4.00 and \$5.00 per hundred. Early purchasers secure the best assortment.

+ NOVELTIES +

+ CARDS, ETC. +

THOS. WHITTAKER, 2 & 3 BIBLE HOUSE, N. Y.

Choice Books, Worth Having or Giving.

TENANTS OF AN OLD FARM: Leaves from the Note-Book of a Naturalist. By Dr. HENRY C. MCCOOK. This book has taken high rank both as a lucid exposition of the wonders of the insect world and as a collection of the most interesting pieces of literature. (Third edition.) *Profusely illustrated. Cloth, decorated, \$2.50.*

A charming account of a series of excursions over woodland and meadow, and is full of a great variety of information about all sorts and conditions of insects, written by a naturalist of acknowledged authority. —*Boston Post.*

Mr. Dan Beard has brightened it by a great many comical adaptations, sketching spiders, ants and other dramatic scenes in keeping with his famous conception of their characters; while the matter-of-fact natural history drawings (of marked excellence) are by Mr. Edward Shepard and Mr. Frank Stout. [After the author's sketches from nature]. —*Boston Literary World.*

SIR PHILIP SIDNEY: HIS LIFE AND TIMES. A memorial of one whose name is a synonym for every manly virtue. By Mrs. HENRY DAVIS. *Traced with delicate Steel Plates. Cloth, stamped in ink and gold with Sidney's Coat of Arms, \$1.50.*

Compels the reader's attention, and leaves upon his mind impressions more distinct and lasting than the greatest historians are in the habit of making. We long to see the story of Sidney's life take its proper place in the hearts of American youth. —*Christian Union.*

SHAKESPEARE FOR THE YOUNG FOLK. Edited by Prof. ROBERT R. RAYMOND. *Profusely and beautifully illustrated. Old-gold cloth, \$2.50; gilt side and spine, \$3.00.*

The most attractive Shakespearean treat possible for the young. Altogether it is a beautiful book, and if it does not interest the young in the works of the greatest of poets and dramatists, it may be safely said that that result is not likely to be accomplished. —*Portland Argus.*

THE MERRY-GO-ROUND: Stories for Boys and Girls. By ROBERT W. RAYMOND. Small 4to. *Illustrated, \$1.25.*

"The stories in this beautifully bound and illustrated volume abound in sentiment as well as humor. Boys and girls alike will delight in his quaint conceits and drolleries, and a more wholesome and amusing book cannot be found." —*Baltimore Gazette.*

BULLETS AND SHELLS: War, as the Soldier Saw It. Camp, March and Picket; Battlefield and Bivouac; Prison and Hospital. By Major GEO. F. WILLIAMS. *Illustrated by EDWIN FOXSEA. 8vo, \$2.75.* Highly praised by GRANT, SUMNER, McCLELLAN, and others.

We know of no more stirring or soul-inspiring book. It is a story to delight the one soldier's heart. He can take it up and read it to his boys, and as the flood of memory rushes on his brain, and a spark of the old fire kindles in his blood, he can say as he finishes some vivid passage that recalls the past, "Boys, I was there!" —*New York Commercial Advertiser.*

ABRAHAM LINCOLN: The True Story of a Great Life. By W. O. STODDARD, one of President Lincoln's Secretaries during the War of the Rebellion. 8vo. \$2.75.

A graphic and entertaining biography, as rich in incident as any romance, and sparkling with wise wit and racy anecdote. It comprises a large mass of valuable and judiciously epitomized information. —*Harper's Bostonian.*

It is in truth the story of Abraham Lincoln's life, rather than his mere biography. Mr. Stoddard has said his "story" in the most entertaining way. It is a book to lie on the family table and to be often and enjoyably perused. —*Christian Standard, Chicago.*

BRANT'S "LIBRARY OF POETRY AND SONG." The largest and choicest selection of poetry. 2,000 Poems, 10,000 quotations. Complete indexes, *Illustrated.* A perfect and lasting gift, for holidays, birthdays and wedding days; a permanent classic for every library. *Fine Holiday Bindings.*

FORDS, HOWARD, & HULBERT, New York. Send for our new Catalogue of Choice American Books.

The Children's Sunday Hour.

By the Rev. BENJAMIN WAUGH. Square 8vo, cloth extra, gilt edge. Illustrated with 35 fine wood-cuts, of which 25 are full-page. \$2.50.

"It is more than a great pleasure—it is almost a duty—to recommend this admirable volume to parents, and especially to all those who teach the young." —*The Spectator.*

Pastime Papers.

By FREDERICK SAUNDERS, author of "Salad for the Solitary and Social," etc. 12mo, cloth extra. \$1.00; half morocco, \$2.50.

"They are all agreeable reading with a distinct literary flavor and over any one of them a delightful idle half-hour may be spent." —*The Christian Union.*

"SALAD FOR THE SOLITARY AND SOCIAL," by the same author. A Popular Edition has recently been issued at a popular price, \$2.00. It is a handsome octavo of 566 pages and 82 illustrations by eminent American artists. The "set-up" of this book is satisfactory to all book lovers and to its contents, those unfamiliar may be guided by these extracts:

"It breathes the fine aroma of the library." —*N. Y. Tribune.*
"A delightful companion for all seasons and for all occasions." —*Boston Traveler.*
"One of the most thoughtful series of essays in our language." —*Albion.*

Star Encaustic Tile Company
(LIMITED).
Office, 90 FOURTH AVENUE, PITTSBURGH, PA.,
Manufacturers of All Designs and Colors of
Plain and Encaustic Flooring Tile,
For Floors, Halls, Hearths, Vestibules, and all
Public and Private Buildings.
Quality warranted equal to the best Imported Tile.

H. GRUBENBECHER,
Artistic Wood Carving Works,
159 LUDLOW ST., NEAR STANTON, NEW YORK.



Ornamental and Figure Carving for Interior
Decorations, Furniture, etc. Carvings reproduced
by Machine from Plaster, Wood or Metal Patterns,
also Ornamental Wood Patterns for Casting made
to order. Estimates given.



R. DEISSLER,
MACHINIST
AND MANUFACTURER OF
Lead Mills, Ventilators and other Tools,
No. 622 FILBERT STREET,
PHILADELPHIA, PA.
Orders by mail promptly attended to; full satisfaction guaranteed.

TIRRILL'S
EQUALIZING GAS MACHINE,
For making standard uniform Gas instantly
without fire, danger, smoke or smell,
USING PLAIN BATTING BURNERS.
SEND FOR CIRCULAR.
O. TIRRILL, 39 Dey St., New York.

LOUIS ROETH,
Fine Antique & Modern Cabinet Furniture,
CHAIRS, SOFAS,
ETC.
Chippendale, First
Empire, Louis XVI.,
Adam, and other
styles in Mahogany,
Oak, Walnut, and
other woods, in original
designs, from
Brass, Buhl, Shell,
Marquetry, Dutch
Inlay.
207 & 209 WOOSTER ST., NEW YORK.



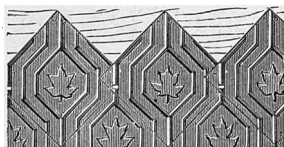
TO PHYSICIANS.
PURE JAPANESE AMÉ
(EXTRACT OF RICE.)
A delicious, exceedingly nutritious
therapeutic food, especially
adapted for children, invalids
and aged people. It is retained
on the stomach when other food
is rejected. Prescribed in cases
of Consumption, Dyspepsia, De-
bility and Wasting Diseases.
GUARANTEED NEVER TO HAVE BEEN PACKED IN TIN.
IMPORTED FROM JAPAN BY
EDWARD GREY,
20 EAST 17TH STREET NEW YORK.
SOLD BY ALL DRUGGISTS.



ESTABLISHED A. D. 1848.
L. HABERSTROH & SON,
Mural Decorators,
No. 28 SCHOOL ST., (Rooms 10 & 11),
BOSTON, MASS.
No. 20 Bellevue Avenue, near Kay Street, Newport, R. I.
PAINTING IN ALL ITS BRANCHES.



JONAS SMITH,
Willow and Rattan Furniture
MANUFACTURER.
CHAIRS, TABLES, SETTEES, ETC.
No. 451 Second Avenue,
NEW YORK.
Factory, 410 to 416 East 24th St.



HINTS AND NOTIONS.

Using stencils. Draw the design on a
sheet of manilla stencil paper which has
received a coat of oil; lay the paper on a glass to
get a hard smooth surface; cut on the lines with
a knife, and give the stencil one or more
coats of shellac, and it is ready for use. The
stencil oil color should be mixed with Japan
and thinned with much turpentine; rub it on
with a short, stiff bristle brush, by a peculiar
movement easily learned; on distemper color
use distemper.

Conventionalized color forms. Con-
ventionalized color forms introduced into interior
decoration should possess somewhat of the
character of mechanical formalism, only pre-
serving as they should, main characteristics
of natural objects divested of mere accidental
qualities—constructive forms with a certain
fixedness, a modified translation of the beauty
of form and with impressed individual char-
acter.

Varnish or imitating gilding. A
French authority affirms that a very perfect im-
itation of gilding on brass and bronze articles may
be made by a varnish of 80 grains gum-lac, 20
grains dragon-blue, 5 grains turmeric largely
mixed with alcohol. It is to be applied with a
sponge to metal, which is afterwards warmed
over a charcoal fire. At first it may have a
deadened appearance but afterwards brightens.

To revive dim, old oil paintings. This
dimness is often occasioned by minute fis-
sures in the vehicle, interfering with its
transparency and increasing the reflected
white light. Apply cold alcohol, which will
soften the gum, and also the oil, which
has become resinous, causing the fissures to
close, and the colors to reappear in their
freshness.

Ice pitcher. A silver-plated ice pitcher
is composed of a mounted stationary half
sphere, which receives one half of a hemi-
sphere, partially revolving by pressure on a
side handle, causing the water to flow through
a spout with down-pointed lip, thus remov-
ing all occasion for moving the pitcher in
filling a cup.

New Wedgwood ware. Wedgwood &
Co. of England have turned out excellent
examples of *pate sur pate*. The colors, in high
glaze, include splendid golden yellow equal
to the Japanese in depth, a dull but mag-
nificent gray, and a deep and almost blood crimson.
The deep colors are emphasized by lighter
shades.

A handsome design for a fan repre-
sents to the left bright plumaged birds fly-
ing at evening across a landscape, those in
the van passing into the gloom of the thick-
wooded foliage in the center; others roosting
on branches to the left, enveloped in all
but cinimmar darkness.

Jewelry. The *utile* in jewelry is rep-
resented by gold vinaigrettes, chased, among
the neck charms. Buckles take flower shapes
set with pearls and gems. Now that the use
of sealing wax is fashionable, manufacturing
jewelers are active in the production of seals
worn on watch chain.

Ancient styles of decoration. Oriental
nations, simple surface carving; Greek and
Etruscan, low relief and representation of
simple forms; Egyptian, hieroglyphic; Arab,
moresque; Anglo-Saxon—early Norman—zig-
zag, with interlacing of simple incised diapers.

Cut glass. Ruby, green and pink are
leading colors in this ware.

Look at our list of premiums on inside of
back cover.

BEST ROOF METAL SHINGLES

In the World is the Montross Patent.

Cheap, Durable, Handsome, and Fireproof. Warranted Absolutely Water-tight,
and Proof against Storms, Snow, and Ice. Can be put on by anybody. Adapted
for all classes of Buildings. Send for Circulars and Price Lists, free.

E. VAN NOORDEN & CO., Boston, Mass.

McGAW, STEVENSON & ORR'S
"GLACIER" WINDOW DECORATION.

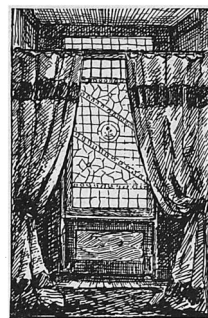
A Perfect Substitute for

STAINED GLASS.



McCaw, STEVENSON & ORR's Patent
Glacier Window Decoration. Nothing
adds so much to the appearance of the
interior of a house, as one or more
stained glass windows: but stained
glass is too costly for general use. The
Glacier Window Decoration has all the
appearance of real stained glass, at a
fraction of its cost, and can be affixed to
any window by any person without
trouble. To be obtained from Dealers
in Wall Paper, Decorators and Station-
ers, etc., throughout the United States.

Wholesale Agency, No. 32 Broadway, New York.



EUREKA STAINED GLASS

The only perfect substitute, suitable for Churches, Store Fronts,
Public Buildings or Private Dwellings. Has been highly
endorsed by the Press and the best people of
this country.

ALSO MANUFACTURERS OF THE
"Petrie" Patent Burnished Gold and Silver
Letters and Numbers

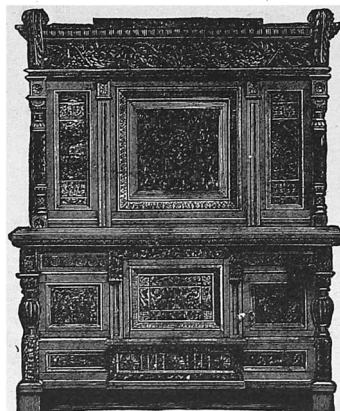
ON GLASS OR WIRE SCREENS,
Which can be applied by everybody in less time than a painter can mix his paints.
SEND FOR CIRCULAR. ILLUSTRATED AND DESCRIPTIVE CATALOGUE, 25 CTS.

RESPONSIBLE AGENTS WANTED EVERYWHERE.

The C. L. SEIB Manufacturing Company
Domestic Building, cor. Broadway and 14th St.,
NEW YORK.

ESTABLISHED 1850.

MARTIN WORN & SONS,
MANUFACTURERS OF
WALNUT CHAMBER SUITS



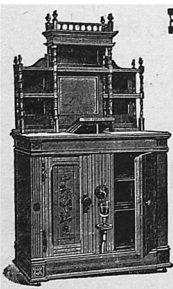
WARDROBES,
SIDEBOARDS,
HALL STANDS
AND
CHIFFONNIERS.

Bank and Office Fixtures.

OFFICE AND WAREHOUSES,
87 TO 93 HUMBOLD ST.
FACTORY,
127 TO 137 Siegel St. 95 to 103 Humboldt St.
BROOKLYN, E.D., N.Y.



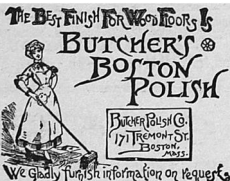
BIBB'S
Celebrated Original
BALTIMORE
FIRE-PLACE HEATERS,
To warm upper and lower rooms.
The handsomest, most economical
Coal Stoves in the World.
W. C. BIBB & SON,
Foundry, Office and Salesroom,
36 & 38 ALBANY STREET,
BALTIMORE, Md.
MARBLEZED SLATE MANTELS.
Send for Circulars.



Frank W. Lockwood
Manufacturer of
REFRIGERATORS,
Water Coolers,
COMMODOES
AND
Housekeepers'
WOODEN WARE.
Office and Warerooms,
240 So. Second St.
FACTORY,
235 & 237 Levant St.
PHILADELPHIA.
Send for Catalogue.

R. GEISSLER,
127 Clinton Place (West 8th St.) New York,
ART WORKER
In Gold, Silver, Brass and Iron.
WOOD CARVING, SCULPTURE, REPOUSSE.
STAINED GLASS.
Special and Exclusive Designs.

W. H. HARRISON & BRO
MANUFACTURERS OF
Plain & Artistic
GRATES
AND FIREPLACES,
FURNACES & RANGES.
Agents for
LOW'S
ART TILES.
Importers and Dealers in Tiles for
Hearths, Facings, &c. Send for Illustrated Catalogue.
1435 CHESTNUT ST., Philadelphia



A HARD WAX FINISH,
Having all the properties of the old
fashioned Beeswax Finish, but much
easier to work and more durable;
is not sticky and can be im-
mediately used.

To prevent our patrons from being deceived by
ordering Wax Finish sold under a similar name
we have a fac simile of the signature of C.
BUTCHER on the label and BUTCHER'S BOS-
TON POLISH on the cover of the cans.

OUR REGULAR AGENTS ARE:

E. B. MOORE & Co., 48 Randolph St., Chicago, Ill.
HAYWARD & HUTCHINSON, 424 Ninth Street, Wash-
ington, D. C.
C. A. SELZER, 18 Euclid Avenue, Cleveland, O.
Geo. C. BARKER & Son, 89 Spring St., Newport, R. I.
MASON, CHAPIN & Co., 38 Canal St., Providence, R. I.
N. & G. LINDELEY, Orange, N. J.
W. T. LINDEMAN & Co., 1400 Frankford Avenue,
Philadelphia, Pa.
C. A. ROBERTS & Co., Denver, Col.
HARDY BROS. & BURTON, Salt Lake City, U.
WILLIAM M. BRID & Co., Charleston, S. C.
BOWEN & TOWNSEND, 254 Street, under
Fifth Avenue Hotel, New York.

FOR SALE BY DEALERS IN
Paints and Painters' Supplies.

We will buy six Moorish designs for 5'0" shelf.
Tile opening for 16 or 17-0" x 8" Tile. Mantel and
top to go together, but built so they can be used
separately.
To cost manufacturer to make as follows:
Mantel, two designs, each, \$10 to \$15. Top, \$8 to \$12.
" " " " 12 to 18. " 10 to 15.
" " " " 15 to 20. " 12 to 18.
Designs mailed to us, with prices wanted for
same. If accepted, will remit price; if rejected,
will return design by first mail.

HEGAN BROTHERS,
MANUFACTURERS OF
WOOD MANTELS
FOR THE TRADE.
FACTORY: STOREROOMS:
COR. 9th and JEFFERSON STS., No. 348 FOURTH AVENUE,
LOUISVILLE.

HINTS AND NOTIONS.

To remove old varnish from furniture.
Take Irish glue (that which is brittle and un-
suited for joining), prepare in the regular way,
only somewhat thicker, and apply as hot as
possible to the varnish with brush; then stand
it near the stove or in the sun. The glue will
then scale off, taking the varnish and dirt with
it, leaving the pores filled. In some case when
it does not readily scale off it can be easily re-
moved with scraper. If one coat of glue does
not scale off, a second application is sometimes
effective.

Varnish for gilt work. An excellent
varnish for gilt work is thus compounded:
Seed-lac in grain, 25 parts, gum-lac 30, gamboge
45, annatto 40, dragon's blood 35, saffron 30.
The two lacs, which really constitute the
varnish, are mixed and dissolved in 130 parts of
spirits of wine; the other ingredients are dis-
solved separately, each in 95 parts of spirits.
These form the tinctures with which the
varnish is colored to match the different shades
of gold.

Japanese novelties. A paper cutler com-
posed of bronze, ivory and bamboo. A square
parasol, hand-painted, placed at corner of a
bed, as a color decoration. Gold chintz for
curtains, wall covering and art drapery. A nest
of wood lacquered tables, made without nails,
which, when put aside, occupy but the space
of a single table, one sliding under another.
Boxes and cabinets in Keyaki wood, with
bronze ornamentations.

Indian enameling. The artisans of India
are adepts in enameling. In thus ornamenting
gold the depth of tint, liquid brilliancy of the
enamels are aimed at, and they are almost in-
variably transparent, whilst on silver we see an
entirely different quality of tints employed,
and opaque colors, such as orange, turquoise
and green, in harmony with the metal.

A useful varnish. An excellent varnish
for furniture of plum-tree, mahogany or rose-
wood is thus made: Take one pint of rectified
spirits of wine, one and a half ounce of mastic
and the eighth part of a pint of turpentine
varnish; mix and leave in a warm place, shaking
the mixture occasionally. When the gum is
dissolved strain for use.

Preservation of color by oils. Without
varnish, all lake colors, except madder, have a
short duration as pigments. Chrome greens
made with Paris blue change as dry powder in
one hour of sunlight, but may in diffused light
under oil last many years. Indigo and archil
will without oils be quickly destroyed by the
oxygen of the air.

We hear of a church which has adopted a
gold and silver chalice in the form of a dove
for its sacramental service.

Look at our list of premiums on inside of
back cover.

SPECIAL FOOD FOR THE BRAIN AND NERVES,

FROM THE
Nerve Giving Principles of the Ox Brain and the Germ of the Wheat and Oat.

CROSBY'S VITALIZED PHOSPHITES.

Is a Standard Preparation with all Physicians who treat Nervous or Mental Disorders.

For years its careful chemical composition has been superintended by a Professor of Materia
Medica and Chemistry. It is the only Vital Phosphite, other preparations of Phosphorous are
laboratory compounds. Formula on every label.

It is used for the cure of all nervous troubles, restoring the vigor lost
by overwork, anxiety, worry, sleeplessness, pain or debility.

IT AIDS IN THE BODILY AND WONDERFULLY IN THE MENTAL GROWTH OF CHILDREN.

IT IS A PREVENTIVE OF CONSUMPTION AND A POSITIVE CURE FOR NIGHT SWEATS.

F. CROSBY CO., No. 56 West 25th Street, New York.

FOR SALE BY DRUGGISTS, OR SENT BY MAIL, \$1.

ESTABLISHED 1848.

T. A. WILMURT,
Fine Gold and Bronze Frames,
54 EAST THIRTEENTH ST., NEW YORK.

Paintings Restored. Regliding and Repairing done in the neatest manner. Special attention given to
Arranging Galleries and Dwellings. Careful Packing for shipment by rail or water.

Water Colors, Engravings and Photographs Mounted and Framed.

ESTABLISHED 1824.

CHARLES H. GILLESPIE,
FORMERLY
PARKER & GILLESPIE,
MAKER OF THE FINEST GRADES OF
Varnishes and Hard Oil Finish
For Artistic Cabinet Work,
554 to 562 WEST TWENTY-FIFTH STREET,
Correspondence Solicited. **NEW YORK.**

TIDDEN & ARNOLD,
STAINED GLASS AND ART METAL WORK
High Class Chandeliers and Gas Fixtures a Specialty.
247, 249 AND 251 WILLOUGHBY ST., BROOKLYN.
Designs and Prices sent on application.

HAMMACHER, SCHLEMMER & CO.,
209 BOWERY, NEW YORK,

Importers and Jobbers of

UPHOLSTERY GOODS,

Invite attention to their extensive line of

PLAIN AND EMBOSSED

Silk and Mohair Plushes,

And a large variety of

FURNITURE COVERINGS

And Trimmings.

SILK AND COTTON VELVETS.

CABINET CLOTH AND FELT

AGENTS FOR PAWTUCKET HAIR CLOTH.

MANUFACTURERS OF STEEL FURNITURE SPRINGS.

A COMPLETE ASSORTMENT OF

CABINET HARDWARE,

Including all the Specialties in that line.

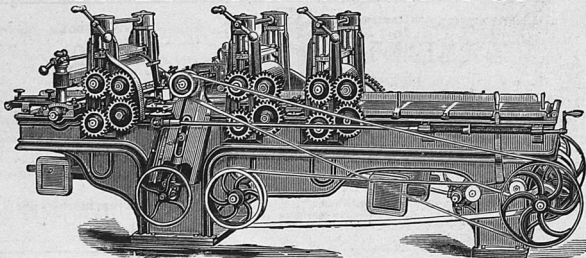
A Large Variety of Drawer Pulls, Hat Pins, Toilet Screws, etc., etc.

SOLID LEATHER BUTTONS

IN MANY DESIGNS; ANY COLOR TO MATCH COVERINGS.

Catalogues will be furnished to the Trade on Application.

C. B. ROGERS & CO.



No. 2.—Six-Roll Iron Frame Planing and Matching Machine.

MANUFACTURERS OF THE

Latest Improved Wood-Working Machinery.

SPECIAL MACHINES FOR CABINET AND CAR BUILDING WORK.

FACTORY,

Norwich, Conn.

OFFICE AND WAREHOUSES,

109 Liberty Street, New York.

G. L. ANDROUS,
265 Sixth Avenue, N. Y.
Decorative Art Designs
Perforated Parchment Patterns for Stamping
and Perforating Machines for Sale.

NEW HAVEN FOLDING CHAIR CO.,
New Haven, Conn.,
MANUFACTURERS OF
**INVALID
RECLINING CHAIRS**
ON WHEELS.
Occupant can lie down
or sit erect in it.



The superiority of these Chairs is attested by thousands of testimonials.

Send for Price List.

HENRY M. SNYDER,
ENGRAVER,
Chestnut St., N. W. cor. of Seventh,
PHILADELPHIA, PA.

The Finest Wood Engraving in all its Branches.

Beautiful & Lasting for ORNAMENTS
WINDOWS, DOORS, TRANSOMS, &c.


**Stained
Glass
SUBSTITUTE**

AT SMALL COST. Send for Illustrated Catalogue and Prices. Samples by mail 25 cents.

W. C. YOUNG SOLE AGENT, 731 ARCH ST.
PHILADELPHIA, PA.
AGENTS WANTED EVERYWHERE.

Otto F. Falsch,
ECCLESIASTICAL AND DOMESTIC
Glass Staining,
34 EAST HOUSTON STREET,
NEAR BROADWAY, NEW YORK.

Electro-Light Photo-Eng Co.



157 & 159 WILLIAM STREET,
NEW YORK.

All Work Done in the Best Possible Style,
at Moderate Prices.

PORTRAITS A SPECIALTY.
(W. KURTZ, Artist.)

SEND COPY (Sketch, Print, or Photograph) FOR ESTIMATE.

STAINED GLASS

ALFRED GODWIN. WM. REITH.
DESIGNS & ESTIMATES—APPLICATION

ALFRED GODWIN & CO.
1201 MARKET ST. PHILADA. PA.

FOR CHURCHES & DWELLINGS
SEND CATALOGUES.

HINTS AND NOTIONS.

Colors for natural tints. The following will be found a good selection of tints to represent those of nature: Brown ochre, yellow ochre, Naples yellow, white, orange, vermilion, light red, Chinese vermilion, rose madder, burnt sienna, emerald oxide of chromium, cobalt, ivory black, vandyke brown.

Shop window stand. A revolving platform, with or without a succession of discs is an upturned tub floating in another filled with water. A two-pound weight, attached to cord running over pulley, with a nine-foot drop, will carry 150 pounds all day with an easy motion.

There is nothing which decorative art cannot turn to account. The Italian oil flask with its thin shell of glass protected by woven straw, is now bronzed, silvered, gilded, ribboned and otherwise adorned, and commands admiration from its form.

A lady has succeeded in making a very effective assortment of forms and colors on a screen with the wings of birds and separate feathers, natural and dyed. A few small stuffed birds are judiciously disposed in this novel tableau.

Flower vase. A glass flower vase with pointed extremity, the supports of which rest on a tray of metal composition resembling dead lustered silver, sustains on three small branches smaller vases, thus effectively grouping the flowers.

Plastic moulding. The practice of diversifying walls and ceilings with mouldings impressed on them in a plastic state is gaining ground. This simple method of obtaining reliefs gives great opportunity to the colorist.

Artistic handles. Among curious forms of handles of pottery jars is one consisting of five ribbon-like bands attached to the body of the ware, sweeping over the cover in a curve, and uniting in a knot.

Arsenic in water colors. Those using water colors should avoid wetting the brush with the mouth. Colors which frequently contain arsenic are sepia, terra di sienna, vandyke brown, bistre and greens.

An artist finding a vacant wall in a small sitting apartment, has decorated it in the fashion of Pompeian tombs by hanging on it a row of colored glass bottles and vases of ancient forms.

In porcelain a Chinese style of one vessel enclosing another, the inner one being visible through geometrically shaped openings in the outer shell, has been carried out abroad.

A pretty gold front pin has a ball set with garnets and diamonds, and the monogram of the wearer in cut-out letters involved with the meshes of the whip.

Three fencing swords driven up to the hilt in a metallic table top shaped like a breastplate, constitutes a picturesque piece of furniture.

Prismatic hues. Glass pendants in the form of prisms and balls are now introduced for the adornment of marble and onyx slabs.

Stencil plates. In cutting paper for leaves and flowers the stems may be disregarded, as these are best added by hand.

Among metal-work fancies, we notice small trays held in the claws of lizards and crocodiles in erect position.

Wear of gold. Heavy gold chains lose more rapidly than lighter chains from wear, owing to greater friction.

In some of the best specimens of Japanese lacquer, the lacquering has been produced by as many as fifty coats.

A remarkably fine piece of sculpture just executed represents an infant boy reclining in an opened pearl shell.

Ceramic vases and jars. These continue to be adorned with flowers, buds and trailing stems in full relief.

The handsomest pieces of mahogany, having the greatest strength of tone, are obtained from the root of the tree.

Look at our list of premiums on inside of back cover.



SIDEBOARD (No. 92),

IN WALNUT AND CHERRY.

Italian Marble Top.

WARRANTED IN ALL RESPECTS.

\$25.

Special attention given to orders by Mail.

KEELER & COMPANY,

33 to 91 Washington Street, corner Elm,

BOSTON, MASS.

Fresco and Architectural Works.

DRAUGHTSMEN'S SUPPLIES, CARVERS, LITHOGRAPHERS AND ENGRAVERS' DESIGNS.
Artists' Materials Generally.

JANENTZKY & WEBER,
1125 Chestnut Street, Philadelphia.
SEND FOR CATALOGUE.



F. W. DEVOE & CO.,

Corner of Fulton and William Streets,
NEW YORK,

MANUFACTURERS OF

ARTISTS' MATERIALS

Mathematical Instruments, Engineers, Draughtsmen and Architects Supplies.

READY MIXED PAINTS

FOR EXTERIOR WORK.

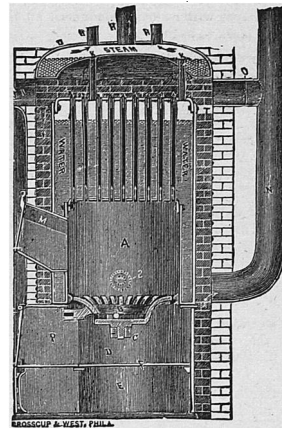
Wood Fillers and Wood Coatings for Inside Work.

MANUFACTURERS OF

COLORS, VARNISHES AND FINE BRUSHES

WARMING AND VENTILATION,

A PERFECT SUCCESS BY OUR APPARATUS.



Residences, School Buildings,
Manufactories, Churches,
Opera Houses,
Hotels, &c.
WARMED.

References given.

24 SIZES LOW PRESSURE GENERATORS.

Direct, Indirect, Window Radiation,
Light's Patents.

Plans and Estimates for Architects. The Trade supplied at wholesale. Sales doubled from year to year. Good satisfaction everywhere.

EUREKA STEAM HEATING CO.,

202 State Street,

ROCHESTER, N. Y.

Send for Circulars.

PLEASE MENTION THIS PAPER.

HAROLD PARKER, President.

S. L. HOLDREDGE, Treasurer.

THE TAHANTO MANUFACTURING CO.,

42 BATTERY MARCH ST., BOSTON.

Manufacturers of Decorative Articles in Metal.

Friezes, Panels and Dadoes for the Interior Decoration of Houses, Hotels, etc.
Panels for Furniture from imported and original designs. Facings and Tiles for Mantel Pieces, etc.
In Copper, Brass, Bronze and Silver.

Special attention is called to the reproductions from natural leaves and flowers in the panels and tiles for furniture and interiors.

Correspondence solicited and estimates furnished on application.

J. G. & J. F. LOW,
CHELSEA, MASS.
New York Retail Office, 9 East 17th St.

REPRESENTED BY
Chicago, Henry Dibble & Co., 266-268 Wabash Av.
Albany, Richard Wickham.
Boston, C. A. Wellington & Co., 44 Boylston St.
Buffalo, Malcolm, Wolsey & Co.
Cincinnati, C. S. Rankin & Co., West Pearl St.

LOW'S ART TILES.

Cleveland, A. S. Herenden Furniture Co., Bank St.
Washington, Hayward & Hutchinson, Ninth St.
San Francisco, W. W. Montague & Co., Market St.
Minneapolis, Sullivan & Farnham, Third St., So.
Omaha, Milton Rogers & Sons, Farnham & 14th Sts.
Louisville, J. V. Escott & Sons, Fourth Avenue.
St. Louis, Seidel & Schoenle, South Fifth St.
Milwaukee, Mathews Bros.
Phila., W. H. Harrison & Brother, 1435 Chestnut St.
Pittsburgh, L. H. Smith & Co., 49 Sixth St.
Rochester, Hayden & Havens Co.
Syracuse, Hawley, Whitaker & Co., 83 S. Salina St.

J. W. GOODELL & CO.,

FINE

Marble & Granite WorkFURNITURE TOPS,
WAINSCOTING,
MANTELS.No. 281 PINE STREET,
BURLINGTON, VT.**PEERLESS**SHAKING AND DUMPING OPEN
FIREPLACE GRATES.The Heating Power of Three
Ordinary Grates.Great Saving in Fuel
Guaranteed.

Perfectly Clean and Free from Dust.

In use in United States Treasury and Patent
Office Buildings, Government Buildings, San Antonio,
Tex. (60 in use).
Send for Handsomely Illustrated Catalogue, and
state where you saw this advertisement.**BISSELL & CO.,**
Pittsburgh, Pa.**MURTAUGH'S**ORIGINAL AND STANDARD
DUMB WAITERS
And General Hand Holting Establishment,
145 & 147 East Forty-second Street,
Near Lexington Ave., NEW YORK.
Safety Invalid Elevators a specialty. Established 1855.
Nearly 87,000 of our arrangements now in use. Repairing
or altering at the shortest notice. JAS. MURTAUGH.**CHARLES H. ROGERS,**
Carpenter and Builder,
1508 BROADWAY,
Next to Barrett House, NEW YORK.Artistic work at private houses and offices a
specialty; also plans and estimates furnished for
city or country work.Personal attention paid to all orders by mail.
RESIDENCE, 406 WEST FORTY-SIXTH ST.**Draughtsmen's Sensitive Paper.**An exceedingly cheap, easy and rapid method of
Duplicating Drawings and Tracings of all kinds,
by means of sunlight, giving satisfactory and ac-
curate results, and a saving of labor, time and
money. Send for sample print and price list.**THOS. H. MCCOLLIN,**
No. 635 Arch Street, Philadelphia.
Amateur Photographic Outfits, suitable for
Architects, Builders, Machinists and others.**G. FECHT,**Designer and Draughtsman on Wood,
N. E. cor. 6th and Chestnut St.,
PHILADELPHIA, PA.**Extraordinary Offer.****SAMPLE SHEET** Of 100 different sizes and styles
of Alphabets at reduced prices.
Outfit contains 40 patterns. Sprays, Outlines,
Alphabet (2 1/2 inches), &c., Powder, Pad, and
instruction and sample of alphabets. Price, \$1.00.
The best outfit that has ever been offered.
French Perforating Machines for sale. Satisfaction
guaranteed or money returned.
A. BERNARD, 401 Canal Street, N. Y.**HINTS AND NOTIONS.**

To get rid of cockroaches. A correspondent writes as follows: "I beg to forward you an easy, clean, and certain method of eradicating those loathsome insects from dwelling houses. A few years ago my house was infested with cockroaches (or 'clocks,' as they are called here), and I was recommended to try cucumber peeling as a remedy. I accordingly, immediately before bedtime, strewed the floor of those parts of the house most infested with the vermin with the green peel, cut, not very thin, from the cucumber, and sat up half an hour later and watched the effect. Before the expiration of that time, the floor where the peel lay was completely covered with cockroaches, so much so that the vegetable could not be seen, so voraciously were they engaged in sucking the poisonous moisture from it. I adopted the same plan the following night, but my visitors were not nearly so numerous—I should think not more than a fourth of the previous night. On the third night I did not discover one; but anxious to ascertain whether the house was quite clear of them, I examined the peel after I had laid it down about half an hour, and perceived that it was covered with myriads of minute cockroaches, about the size of a flea. I therefore allowed the peel to remain till morning, and from that moment I have not seen a cockroach in the house. It is a very old building, and I can assure you that the above remedy only requires to be persevered in for three or four nights, to completely eradicate the pest. Of course it should be fresh cucumber peel every night."—*Confectioner's Journal.*

A superb brown. A simple brown color, far superior in beauty and intensity to all the browns, whether simple or compound, may be obtained by dissolving the green muriate of copper in about ten times its weight of distilled rain water, and adding a solution of prussiate of lime, until a complete precipitation is effected. The precipitate is then to be washed with cold water, filtered, and set to dry in the shade.

Palm leaf fans are covered with silk or cretonne, and have a loose piece of the same material attached so as to form a bag. There are pompons around the edge at regular distances. They are hung against the wall, handle upwards, and serve as receptacles for odds and ends. The outsides are painted, gilded, or covered with silk or satin fitting tightly.

Ink colors. Although we have durable water and oil colors of so many tints, this is not the case with inks; an examiner of the Patent Office, after examining the various inks used on type writers, has pronounced all but red and black to be fugitive.

The extreme edges or boundaries of all shadows are gray. From effect of contrast, shadows appear comparatively of the opposite color of that of light.

To drive away ants, scrub the shelves or drawers that they frequent, with strong carbolic soap, after which sprinkle red pepper in every crevice.

The old silver plate was lighter than our own. The value looked for was mainly in the design.

A stuffed fox is set up as a watchful guardian on the base of a small iron umbrella stand.

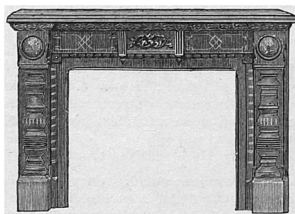
Small china sets for children's tea parties are of the choicest ware and decorated in costly style.

Canoe dishes. The canoe form has been adopted for sundry glass dishes to adorn the table.

If plants are chilled by frost, shower them with cold water, and leave in a cool room.

The best decorators are those who are most appreciative of the value of low tones.

Look at our list of premiums on inside of back cover.

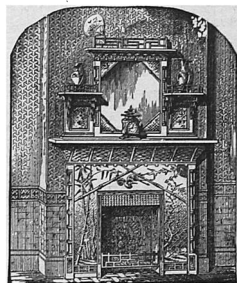
T. ASPINWALL & SON,Of all descriptions for Floors, Walls, Hearths, Fire-
places, and Decoration generally.**Artistic Wood Mantels**
GRATES, OPEN FIREPLACES, BRASS FENDERS,
ANDIRONS, ETC.Roman Mosaic, Art Pottery.
N.B.—Special attention paid to the furnishing
and fitting of Mantels and Fire-places, and esti-
mates given for same fitted complete.75 & 77 WEST TWENTY-THIRD ST., NEW YORK,
MASONIC TEMPLE.
Sole Agents for MINTON'S and for the CAMPBELL TILE CO.**ALFRED BOOTE.**

11 East Nineteenth St.,

Manufacturer and Importer of

→ TILES ←

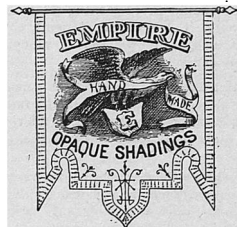
OF ALL DESCRIPTIONS.

From MINTON'S, Maw's, Boote & Co.
Roman Mosaic in Stock and Made to Order.LARGE STOCK OF
Mantels, Grates and Open Fireplaces.Special designs made to suit customers free of
charge. Experienced men kept to set Mantels,
Grates and Tiles.**THE HECLA**
Architectural Bronze and Iron Works.**POULSON & EGER,**

OFFICE AND SALESROOMS,

216 & 218 W. Twenty-third St., New York.
Works, N. 10th, 11th & 3d Sts., Brooklyn, E.D.Artistic Metal Mantels and Over Tops, in
Bronze, Brass, Oxidized Iron, Galvano-Plastic
and Electro-Plated Iron, combined with our
Patent Blower and Fire Screen. General Orna-
mental Architectural Iron Work.

CATALOGUE AND PRICE LIST ON APPLICATION.

WINDOW + SHADES.**◁ Empire Brands ▷****JAY C. WEMPLE & Co.**

"The 'EMPIRE' Opaque Shade
Cloth still leads for quality, and owing
to depression in cottons we are making
it now better than ever.

All widths, 36 inches to 104 inches.

The Extra Quality (Red Labels) 36 in. to 48 in. only.

FIXTURES.—Our "Empire Spring," since its intro-
duction, has met with unexpected success, and is the
only Fixture guaranteed always to do its work.

1 inch wood, per gross, \$18.00, running a 9-42 shade.

1 1/4 " " " 25.00, " 11-48 "

TIN SPRING, 1 1/4 inch diameter, 2 feet, 30 cts.; 4 feet, 38 cts.; 5 feet, 45 cts.

" 1 1/4 " " 4 " 45 cts.; 5 " 60 cts.

Tin Spring, 1 1/4 inch diameter, 4 ft., 75 cts.; 5 ft., 84 cts.; 6 ft., 90 cts.; 7 ft., 97 cts.; 8 ft., \$1.05; 9 ft., \$1.12.

IMPORTERS OF

JOHN KING & SONS' SCOTCH HOLLANDS,

And only House carrying full line all colors and widths.

**Window Shades { Decorated,
Plain and Fringed,
on Fixtures, etc.****AMERICAN HOLLANDS,****Manchester Dead Finish; the best made.**

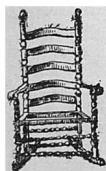
All colors, 36 inches, 14 cts.; 40 inches, 17 cts; Red, 3 cts. advance.

537 & 539 Broadway, New York.**RICHARD TAYLOR,**

103 West Forty-second Street,

FIRST HOUSE WEST OF SIXTH AVENUE,

NEW YORK.**INTERIOR DECORATIONS,**French and English Wall Hangings, Solid Relief, Textile Fabrics, etc., etc,
INSPECTION OF OUR WAREHOUSES IS CORDIALLY INVITED.



C. A. AIMONE,
MANUFACTURER OF
Furniture in Bamboo Style
30 & 32 SOUTH FIFTH AVE.,
Bot. Blocker and West 3d St.,
NEW YORK.
FINE GILDING ALSO DONE.

ARTISTIC STONE CUTTING. FIGURE CARVING.
JAMES M. KERR,
(Successor to BOYD & KERR),
Architectural and Monumental Sculptor.

MODELING AND CARVING IN STONE, WOOD,
PLASTER, OR PAPIER-MACHE.
Shop, 231 West 30th Street, New York.
Architectural Models to a Scale.

WADSWORTH HOWLAND & CO.
84 WASHINGTON ST.
BOSTON
Importers & Dealers
in
ARTISTS' MATERIALS
and
DRAUGHTSMAN'S
WOOD STAINS &
FILLERS
PAINTS
OF ALL KINDS.
MANUFACTURERS
OF
VARNISHES
and
OIL PAINTS
BAY STATE PAINTS

Architectural Wood Workers.
H. B. RÜMMLER & CO.,
(Late with T. B. Stewart & Co.,)
DESIGNERS AND MAKERS OF
Mantels, Doors, Trimmings, Wainscot, &c.
OFFICE AND FACTORY:
15 & 16 Thirteenth Avenue,
One block above West 5th St. NEW YORK.
ESTIMATES FURNISHED.

Joseph Gillott's
Steel Pens.
GOLD MEDAL, PARIS, 1878.
His Celebrated Numbers,
303-404-170-351-332,
and his other styles may be had of all dealers
throughout the world.
Joseph Gillott & Sons, New York.

THE
Boston Wall Paper Co.,
MANUFACTURERS OF
FRIEZES, BORDERS
And DECORATIONS.



The Munroe Ingrain Wall Hangings
a Specialty.

These goods make the best plain surface now in
use. We manufacture Hand Made Friezes, Decorations
and Borders to match upon these goods.
Please call or send for samples.

WM. A. CORSE, MANAGER,
No. 181 Washington Street,
BOSTON.

THE DENISON PAPER MFG. CO.

MAKE
ALL GRADES OF BOOK PAPERS,
Including Fine Wood-Cut and Lithographic.

THE DECORATOR AND FURNISHER is Printed on Paper Manufactured by this Company.

MILLS AND TREASURER'S OFFICE AT MECHANIC FALLS, MAINE.

Branch Agencies: 17 Morse Building, New York. 20 Equitable Building, Boston. 186 Monroe St., Chicago.

HINTS AND NOTIONS.

A coating of tin may be given electrolytically to lead in the following manner: The lead, in a solution of sulphuric acid and oxide of tin, is connected with the negative pole of a galvanic battery, to the positive pole of which a tin plate is connected. If sheet lead be employed, and afterwards rolled out, leaden pipes may be formed with a coating of tin on the inside, and the lead outside. The solution is made by dissolving oxide of tin in sal-ammonia, and the residue therefrom dissolved in sulphuric acid.

Seven colors for staining marble. Heat the marble, but not so as to injure it, at the temperature at which colors will boil. Blue—alkaline indigo dye, or turnsole with alkali. Red—dragon's blood in spirits of wine. Yellow—gambooge in spirits of wine. Gold color—sal-ammoniac, sulphate of zinc and verdigris, equal parts. Green—sap green in spirits of potash. Brown—tincture of logwood. Crimson—alkanet root in turpentine. These colors may be used for veining, according to taste.

To attach bronze powder. Cover the surface of the object by means of a soft, smooth brush with water glass (silicate of soda); then scatter the bronze from a bottle covered with fine gauze; then polish by means of an agate. If the object be glass, stoneware, or porcelain, it must be heated previously to the polishing, which polishing, in many instances, will not be necessary. Damaged bronzed picture frames may thus be repaired.

Raphael's majolica. This great master drew swiftly and spiritedly fastastically-shaped figures on this ware, terminating light tendrils, shaped lines and buds of color. The colors were generally Indian yellow and raw sienna, scored with lines of reddish brown; several blue shades, indigo being chiefly used and turquoise sparingly; light copper green and Indian red.

To preserve flowers. Flowers are eminently house decorations. Therefore, we are within our sphere in pointing out that, to preserve them for more than one occasion, they should be dipped in scalding water, enough to preserve two-thirds of the stem, the balance to be clipped off.

The significance of the term faience is that it indicates clay that, after being fired and baked, retains its porosity, which is not the case with porcelain-biscuit and porcelain, which, however, differ from each other in degree of vitrification.

Preserving flowers for embroidery types. Holding the stalks, dip the flowers in paraffine, just sufficiently hot to liquefy it, moving them about and withdrawing them gently. They are now hermetically enclosed in the paraffine film.

To make gilt pales. Lay on coating of mixture of king's yellow and Indian yellow. Shadow with burnt umber and gamboge combined or with burnt umber and lake, or with a mixture of lake and gamboge.

Colors exposed to weather. Olive green and Tuscan red used for the outside painting of railway cars are found to be as permanent as the old-time yellow and far handsomer.

Two satin bags, embroidered and shaped like wine gourds, are united toward their necks, and their mouths are opened and closed with the same ribbon.

A method of decorating glass vases is to strew over them powdered glass of different colors, and then fuse to surface.

In making paste, it is conceded by all that it cannot be made right with anything but the best wheat flour.

Grouped figures that tell some classic story of the sentiments are admirably suited for toilet ware.

Grotesque designs are cropping up for heads of knobs and sticks.

Look at our list of premiums on inside of back cover.

WALKER & THOMPSON,

Plain, Embossed and Illuminated
DECORATIVE LEATHER

FOR

Furniture Covering and Interior Decoration.

Cordovan Chair Seats and Backs, Leather Lambrequins, Leather Screens, Hassocks,
Foot Rests, Book-shelf Borders, Chair Gimps and Table Edgings,
Hand-painted Embossed Cushions.

No. 4 BOND STREET, NEW YORK.

NELSON, MATTER & CO.,

MANUFACTURERS OF

FURNITURE,

Warerooms, 202 & 204 Canal Street,

J. W. WHELOCK, MANAGER.

NEW YORK.

FACTORY, GRAND RAPIDS, MICH.

AUGUST WUNSCH,

Designer and Manufacturer of

Fine Art Furniture

TO ORDER.

Artistic Antique Work a

Specialty.

1136 Pine Street,

PHILADELPHIA.

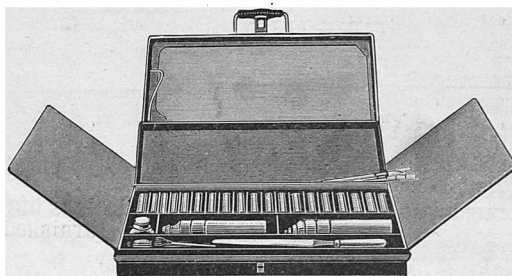
Refers by permission to

Geo. W. Childs, Esq. and Hon. WAYNE McVEIGH.



HOLIDAY & WEDDING PRESENTS
KLEEMANN'S STUDENT
AND OTHER
ARTISTIC POTTERY FINE LAMPS.
CLOCKS, GLASS, CHINA, & LAMPS.
C. F. A. HINRICHS.
BRONZES, GLASS, CHINA, & LAMPS.
29 31 & 33 PARK PLACE N.Y.
MECHANICAL GAMES, NOVELTIES,
TOYS, DOLLS, & FIGURES.
SEND STAMP FOR CATALOGUE.

ARTISTS' MATERIALS,
Decorative Art Goods, Art Pottery, Picture Frames



CHARLES J. EDMANDS,
12 Bromfield Street, Boston.

CATALOGUE SENT UPON APPLICATION.

HENRY LUFT,

DESIGNER AND MAKER OF

Fine Art Cabinet Furniture,
180 and 182 WEST HOUSTON ST.,
NEW YORK.

"It Stands at the Head."



We invite the attention of Architects and Builders to our new wide-carriage "CALIGRAPH" Writing Machines. These instruments accommodate paper 1 1/4 inches wide and write a line 9 1/4 inches long. For writing specifications, whereon it is desirable to make marginal notes, they are beyond all question the best. We take pleasure in fitting our instruments with fractions and special characters to suit individual customers, and make no charge for doing so.

For circulars and specimens apply to

The American Writing Machine Co.
HARTFORD, CONN.

TOWEL RACK

Novelty Manufacturing Co.,
MANUFACTURERS OF
Brickley's Improved Folding Towel, Hat
and Hook Racks.



OFFICE AND SALESROOM,
67 SOUTH MAIN STREET,
PROVIDENCE, R. I.
P. O. Box 829.
Send for Illustrated Circular and Price List.

HINTS AND NOTIONS.

Artificial mixture for statuary. Chloride of magnesium is convertible into anhydrous magnesia, which, when soaked in water and formed into lumps, becomes hard and transparent as alabaster. This, if pulverized and mixed with an equal quantity of powdered marble, forms a substance which, after being pressed into a mould, and exposed for some time to the action of water, is suitable for statuary.

Pencil drawings are preserved by using best alcohol, two ounces; camphor, four grains; dissolve. If on paper, coat back of drawing. If on Bristol board, coat rapidly on drawing side, or immerse in shallow dish; then stick a pin through the corner and hang it up perpendicularly to dry. Another way is to immerse drawings in weak skim-milk, and dry.

Charcoal drawings may be fixed with the following preparation: Put half an ounce of white shellac in three-fourths of a pint of alcohol. Cook it well, and let it dissolve for two days. One person may spread this on the back of the drawing with a soft sponge, while another holds the sheet horizontally.

Starch paste models. For your materials, soak gum tragacanth in water till soft, and then mix powdered starch till sufficiently thick, adding white powdered sugar.

A support for table liqueurs is a camel cast in antique silver, with rich-colored trappings, bearing panniers loaded with glass flagons.

Ornament should appear, not as a mere capricious addition to, but as an essential accessory to constructive design.

A 17th century cabinet, manufactured in Germany, is known to have employed thirty workmen and artists.

Look at our list of premiums on inside of back cover.

Parquet Floors.

WM. HANNAM & CO.,
298 FIFTH AVENUE,
NEW YORK.

WHOLESALE AND RETAIL
3/4 inch tongue and
grooved, European styles,
solid and substantial.
Also, 3/4 inch Fancy
Wood Carpet Floors.
Book of Designs, 3 cts.



IRA H. AMES,
DEALER IN ASH, CHESTNUT AND PAINTED
Chamber Furniture in Suits,
Bedsteads, Bureaus, Sinks, Tables, Washstands,
Toilets and Wardrobes.
Nos. 96, 98, 100 & 102 FULTON STREET,
BOSTON.

A. B. RÜDIGER,
Patentee and Manufacturer of
LEATHER GRIMMINGS
For Upholstery and Decoration.
Frings, Tassels, Rosettes, Cords, Gimps, etc.
Horn Furniture and Leather Lambrequins a specialty; also Ornamental Leather Work.
No. 522 First Avenue, New York.



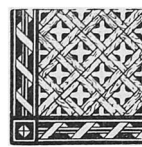
E. D. STAIR,
REMOVED TO
No. 12 East 14th St., New York,
SOLE PROPRIETOR AND MANUFACTURER OF
Improved Hard Wax Polish for Floors.

This is superior to any other polish for Hardwood Floors, Wood Carpet or Standing Finish. Is very durable; has more body and consequently more lustre. The great feature of the Polish is that it will not DRY WHITE in cracks and rough places in the wood work.

Being a practical painter and polisher I shall be glad to give any information treating on Wax Finishing. Also,
WAXONE. This is a wax preparation for flattening varnished wood work or putting in varnish to deaden it. It is much superior to putting in wax paste, as it works smoother and also dries hard. Restorers, Renovators, Furniture Polishers, Weighers Brushes (heavy and light), Liquid Polish, also Black and Transparent Brown Wax.

General Agent for Hall's Wood Filler.
HARD WOOD FLOORS.

Inlaid Floors of the very best make and design. Wood Carpet as cheap as any in the city.
ESTIMATES AND DESIGNS FREE.



INLaid FLOORS
Parquet Floors
AND
Choice Designs in Marquetry

I have moved my office to No. 7 West 14th St., where I will be pleased to see all my old patrons and any others who may favor me with their patronage. With the experience of the past I feel warranted in saying that my work will compare favorably with others in the same line. I manufacture all my own goods.
F. P. HOLMES, No. 7 W. 14th St., New York.

JOHNSTONS'

PATENT STANDARD

— DRY SIZED —

KALSOMINE

Fresco Paints,

FOR
COLORING WALLS and CEILINGS.

READY

For Use.

Nine-Tenths CHEAPER than Wall Paper.
Three-Fourths CHEAPER than Oil Paint.
Eight First Class Premiums awarded.
Pure White, and Beautiful Tints.
Will not rub or scale from the wall.
Invaluable in cleansing and disinfecting walls impregnated with germs of disease.
Mixed in five minutes, ready for the brush, by the addition of water only.

An inexperienced person can use it.
Five pounds will cover with a good body over 400 square feet, on a hard-finished wall, one coat. Ask for

"JOHNSTON'S PATENT
DRY SIZED KALSOMINE,"
and see that you do not get any poor substitute. For sale by Paint, Drug and Hardware Dealers everywhere. Send for sample card and circular to
Dry Kalsomine and Fresco Paint Works,
OFFICE, 206 WATER ST., NEW YORK.

ANDREWS' PARLOR FOLDING BED.

— CHIFFONIER STYLE. —

No. 100.—With Beveled Mirror.



ELEGANT

DESIGN!

CELEBRATED

ADJUSTABLE

CABLE

SPRING!

AUTOMATIC!

PERFECT

BALANCE!

SUPERIOR

FINISH!

Illustrated Catalogues, exhibiting latest designs of CABINET, BOOK-CASE AND LIBRARY STYLES, with Price Lists furnished free on application.

A. H. ANDREWS & Co., } 19 Bond Street, New York.
195 Wabash Avenue, Chicago.
27 Franklin Street, Boston.
815 Arch Street, Philadelphia.